AUTHOR INDEX

Volume 22

Arthur, M. F. 209

Baert, L. 447
Banin, A. 441
Baron, J. 403
Bates, Marcia H. 15
Belanger, A. 277
Bhagyakshmi, A. 299
Bom, C. M. 121
Bridgman, H. A. 153
Brown, H. M. 321

Cadle, S. H. 303
Canton, S. P. 217
Cappon, C. J. 95
Carlile, D. W. 47
Carter, G. E. Jr. 201
Chadwick, J. W. 217
Chesters, G. 257
Chet, I. 441
Church, M. R. 111
Cokal, E. J. 85
Crane, S. R. 67
Crutcher, A. J. 227

Dasch, J. M. 303
Dillon, E. J. 241
Dong, A. 257
Dreesen, D. R. 85

Frink, C. R. 389

Galloway, J. N. 111
Gerringa, L. J. A. 121
Greenway, J. A. 187
Grossnickle, N. E. 303

Haas, C. N. 429
Hadar, Y. 441
Hanf, E. W. Jr. 289
Heit, M. 403
Henderson-Sellers, B. 241
Hungspreugs, M. 395

Jabar (Al-Mossawi), M. A. 131
Jensen, K. 57

Karra, S. B. 429
Kelley, W. D. 181
Kelly, J. M. 143
Khanif, Y. M. 447

Klusek, C. 403
Knibbe, E. N. 277
Krouse, H. R. 321

Lagas, P. 121
Legge, A. H. 321
Ligon, J. T. 201
Lloyd, O. Ll. 27
Loch, J. P. G. 121
Løkke, H. 373
Lore, J. A. 187

Martens, D. C. 181
Mathur, S. P. 277
McBean, E. A. 227
McCart, G. D. 181
McCulloch, E. 187
Melisky, E. L. 1
Moore, James, A. 67

Neumann, D. A. 1

Poston, T. M. 289
Preston, C. M. 277

Ramamurthi, R. 299
Rathier, T. M. 389
Reneau, R. B. 181
Riley, M. B. 201
Rovers, F. A. 227
Rühling, A: 173

Salama, M. 131
Salem, A. 131
Senderson, R. B. 277
Sauer, R. H. 47
Simmons, M. A. 289
Simpson, T. W. 181
Simsiman, G. V. 257
Sreenivasula Reddy, P. 299

Tare, V. 429
Tate, M. B. 15
Thiyagaram, M. 417
Thomas, W. 351
Tolle, D. A. 209
Tyler, G. 173

Valk, M. 277
Van Cleemput, O. 447
Van Voris, P. 209
Vigneswaran, S. 417

Wachter, W. J. Jr. 1
Warner, M. L. 47

Yuangthong, C. 395
Yule, F. A. 27

Zwick, T. C. 209

SUBJECT INDEX

Volume 22

Acidification indicator 111
Acid rain
  effects on tobacco 389
Air samplers 321
Algae
  mutant pollutants 131
Antifreeze liquids
  leaching in soil 373
Aquatic life
  U effects 289
Atmospheric deposition 143, 173, 351
  effects on swine 187
Atmospheric pollution
  index 27
  SO_2 effects on the environment 321

Ba
  landfill source 121
Bacteria
  groundwater pollution 67, 181
  marine water pollution 241
  rivier pollution 241
Barley
  coal liquid effects 47
Benz(a)pyrene
  marine environment 57
Bioavailability
  inorganic compounds 85
Bulk deposition 15, 351

CH_4 recovery
  landfill 227
Chelation
  processing industrial wastes 441
Chlorinated hydrocarbons
  accumulation in moss 351
  atmospheric deposition 351
Clam
  mutant pollutants 131
Clays
  heavy metal content 429
CO_2 evolution in soil
  fly ash effects 209
Coal liquids
  clean up 47
  effects on barley 47
  toxic effects 47
Crabs
  pesticideseffects 299
CU
  effects in soil 277

Diesel fuel
  toxic effects 47
Diversity indices
  stream macroinvertebrates 217
Dust, atmospheric deposition 351

Ecosystem
  SO_2 effects 321
Environmental tracers 321
Ethanol
  leaching in soil 373
Ethylene glycol
  leaching in soil 373
Europe
  heavy metal deposition 173

Fertilizer materials
  effects on ground water 447
  Hg and Se content 95
Fly ash, power plant
  soil application 209
Fungi
  heavy metal effects in clay 441

Gases
  dissolved in water 1
Ground water
  bacterial pollution 67, 181
  N content 181
  pesticide content 201
Groundwater recharge
  model 417
Gulf of Thailand
  heavy metal content 395

Hg
  soil and sludge content 95
H_2S
  environmental effects 321

Industrial wastes
  processing 429
Inorganic compounds 85
Ion exchange
  processing industrial wastes 429

Lake
  heavy metal content 403
  PAH content 403
  PCB content 403
Lake acidity 111

Landfill
Ba content 121
CH_4 recovery 227
Leaching
ethanol 373
Lichens
heavy metals 27
Litterfall S and N
power plant effluent 143

Macroinvertebrates, stream
mine drainage effects 217
Marine environment
bacteria 241
benz(a)pyrene content 57
Marine organisms
mutant pollutants 131
Metals
bulk deposition 15, 173, 351
effects on fungi 441
effects on molluscs 395
ground water 181
heavy 15
industrial wastes 429
lake content 403
mine drainage 217
mosses 25
movement in soil 277
plant uptake 85
sediment content 257, 403
soil content 257
water 15
Microbes
fly ash effects 209
Mine drainage
heavy metals 217
Molluscs
heavy metal effects 395
Mosses
chlorinated hydrocarbons 351
haevy metals 27, 173, 351
PAH 351
Mutant pollutants
marine organisms 131

N
dissolved in water 1
ground water 447
litterfall content 143
Nematicides
pesticide control 201
Nutrient cycling
litterfall 143

O_3
effects on tobacco 389

Organosphosphate
effects on crabs 299

PAH
accumulation in moss 351
atmospheric deposition 351
lake and sediment content 403
Particulates
ecological effects 321
PCB
lake and sediment content 403
Pesticides
effects on crabs 299
soil content 201
well water content 201
Pine trees
SO_2 effects 321
Plants
effects of acid rain 389
effects of O_3 389
Plant uptake
heavy metals 85
Power plant
effluent 1, 143

Rain water
sulphate content 153
Refinery effluent
benz(a)pyrene content 57
River
bacteria 241
benz(a)pyrene content 57
heavy metals 15, 257
uranium effects 289
Rocky Mountain National Park
pollutants 403

S
litterfall content 143
environmental effects 321
Se
content in soil and sludge 95
Sediment
benz(a)pyrene content 57
heavy metals 257, 403
PAH 403
PCB 403
Shrimp
mutant pollutants 131
Sludge
disposal on soil 181
Hg content 95
Se content 95
Snow pack
acid release 303

SO_2
effects on swine 187
effects on the environment 321
Soil
Ba content 121
ethanol leaching 373
fly ash effects 209
heavy metal movement 277
Hg content 95
pesticides 201
Se content 95
SO_2 effects 321
Sour gas
environmental effects 321
St. Louis region
sulphate studies 153
Stream
mine drainage effects 217
Sulphate
atmospheric content 153
Supersaturation 1
Swine
effects of atmospheric SO_2 187

Tobacco
Acid rain 389
O_3 effects 389

U
aquatic life toxicity 289
U tailings
plant uptake 85
Urban dust
heavy metal content 257

Vegetation
coal liquid effects 47
diesel fuel effects 47
effects of acid rain 389
effects of O_3 389
heavy metals 85
Vehicular emission
heavy metals 257

Waste
Ba content 121
Waste management 181
Waste water
bacterial content 67
benz(a)pyrene content 57
disposal 67
Water
heavy metals 15
SO_2 effects 321
Water, supersaturation 1
Water, well
pesticide content 201